IN THE CLAIMS

- 1. (Cancelled)
- 2. (Cancelled)
- 3. (Cancelled)
- 4. (Cancelled)
- 5. (Cancelled)
- 6. (Cancelled)
- 7. (Cancelled)
- 8. (Cancelled)
- 9. (Original) A method of manufacturing a non-volatile memory device, the method comprising:

forming gate stack structures on a semiconductor substrate, the gate stack structures separated by a first space on a first area of the substrate and by a second space, wider than the first space, on a second area of the substrate adjacent to the first area;

forming first gate spacers on sidewalls of the gate stack structures, the first gate spacers comprising an insulating material having a relatively low dielectric constant; and

forming second gate spacers on the first spacers to fill the first space, the second gate spacers comprising an insulating material having a relatively high dielectric constant.

- 10. (Original) The method as claimed in claim 9, wherein the first gate spacers comprise an oxide and the second gate spacers comprise a nitride.
- 11. (Original) The method as claimed in claim 9, wherein the first gate spacers are formed to have a thickness sufficient to form a gap within the first space.
- 12. (Original) The method as claimed in claim 11, wherein the first gate spacers are formed to have a thickness of about 500 Å.
- 13. (Original) The method as claimed in claim 9, wherein the second gate spacers are thinner than the first gate spacers.

- 14. (Original) The method as claimed in claim 9, wherein the first gate spacers are formed at a low pressure of about 0.4Torr or less so as to improve the step coverage.
- 15. (Original) The method as claimed in claim 9, wherein forming the first gate spacers comprises:

depositing a first insulating layer for the first gate spacer on the substrate and the gate stack structures;

anisotropically etching the first insulating layer to form first insulating layer spacers on the sidewalls of the gate stack structures;

depositing a second insulating layer for the first gate spacer at a pressure of about 0.4 Torr or less on the substrate, the first insulating spacers and the gate stack structures; and anisotropically etching the second insulating layer to form second insulating layer spacers on the first insulating layer spacers.

- 16. (Original) The method as claimed in claim 9, wherein the gate stack structure is formed by sequentially stacking a tunnel dielectric layer, a floating gate, an integrate dielectric layer and a control gate.
- 17. (Original) The method as claimed in claim 16, wherein the control gate comprises a polysilicon layer and a metal silicide layer formed on the polysilicon layer by a silicidation reaction.
- 18. (Original) The method as claimed in claim 17, wherein the metal silicide layer comprises one selected from the group consisting of cobalt silicide (CoSi₂), titanium silicide (TiSi₂) and nickel silicide (NiSi₂).
 - 19. (Cancelled)
- 20. (Original) A method of manufacturing a non-volatile memory device, the method comprising:

forming a plurality of gate stack structures on a semiconductor substrate, the gate stack structures separated by a first space on a first area of the substrate and by a second space, wider than the first space, on a second area of the substrate adjacent to the first area;

forming first gate spacers on sidewalls of the gate stack structures, the first gate spacers comprising an insulating material having a first dielectric constant; and

forming second gate spacers on the first spacers to fill the first space, the second gate spacers comprising an insulating material having a second dielectric constant substantially higher than the first dielectric constant.